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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/816,653A

DATE: 02/08/2002
TIME: 07:35:25

Input Set : A:\09-816,653 corrected seq. list. 10716.57.txt
Output Set: N:\CRF3\02082002\I816653A.raw

p.s

3 <110> APPLICANT: Rastelli, Luca
 4 Pennica, Diane
 6 <120> TITLE OF INVENTION: NOVEL HUMAN STRA6-LIKE PROTEIN AND NUCLEIC ACIDS ENCODING
 THE SAME
 8 <130> FILE REFERENCE: 10716/57
 10 <140> CURRENT APPLICATION NUMBER: 09/816,653A
 11 <141> CURRENT FILING DATE: 2001-03-23
 13 <150> PRIOR APPLICATION NUMBER: 60/191,532
 14 <151> PRIOR FILING DATE: 2000-03-23
 16 <160> NUMBER OF SEQ ID NOS: 7
 18 <170> SOFTWARE: PatentIn version 3.1
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 598
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Homo sapiens hSTRA6 nucleotide fragment, 5' region
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 28 <223> OTHER INFORMATION: n is a, t, c or g
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 33 <222> LOCATION: (93)..(93)
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 42 tcctgccaca ccagcatacc acccgccctg taccacgcct gcctggcctc gctgtcaatc 180
 44 ctgtgtctgc tgctccctggc catgtctggt aggcccggcc agctctggcc tgactgtgtg 240
 46 cgtggcaggc ccggccctgccc cagccctgtg gattttctgg ctggggacag gccccgggca 300
 48 gtgcctgtg ctgtttcat ggtccttcttg agtcctctgt gtttgcgtc ccccgacgag 360
 50 gacgcattgc ctttcctgac ttcgcctca gcacccagcc aagatggaa aactgaggct 420
 52 ccaagagggg cctggaaagat actgggactg ttccattatg ctgcctctta ctaccctctg 480
 54 gtcgcctgtg ccacggctgg ccacacagct gcacacctgc tcggcagcac gctgcctgg 540
 56 gcccacctg gggtccaggt ctggcagagg gcagagtgtc cccaggtgcc caagatct 598
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 60 <211> LENGTH: 199
 61 <212> TYPE: PRT
 62 <213> ORGANISM: Homo sapiens hSTRA6 amino terminal polypeptide fragment
 64 <220> FEATURE:
 65 <221> NAME/KEY: MISC_FEATURE
 66 <222> LOCATION: (31)..(31)
 67 <223> OTHER INFORMATION: Xaa is any amino acid
 70 <400> SEQUENCE: 2
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Input Set : A:\09-816,653 corrected seq. list. 10716.57.txt
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73 1      5          10          15
76 Tyr Ser Tyr Gly Ser Trp Tyr Ile Asp Glu Pro Gln Gly Gly Xaa Glu
77           20         25          30
80 Leu Gln Pro Glu Gly Glu Val Pro Ser Cys His Thr Ser Ile Pro Pro
81           35         40          45
84 Gly Leu Tyr His Ala Cys Leu Ala Ser Leu Ser Ile Leu Val Leu Leu
85           50         55          60
88 Leu Leu Ala Met Leu Val Arg Arg Arg Gln Leu Trp Pro Asp Cys Val
89 65           70         75          80
92 Arg Gly Arg Pro Gly Leu Pro Ser Pro Val Asp Phe Leu Ala Gly Asp
93           85         90          95
96 Arg Pro Arg Ala Val Pro Ala Ala Val Phe Met Val Leu Leu Ser Ser
97           100        105         110
100 Leu Cys Leu Leu Leu Pro Asp Glu Asp Ala Leu Pro Phe Leu Thr Leu
101           115        120         125
104 Ala Ser Ala Pro Ser Gln Asp Gly Lys Thr Glu Ala Pro Arg Gly Ala
105           130        135         140
108 Trp Lys Ile Leu Gly Leu Phe His Tyr Ala Ala Leu Tyr Tyr Pro Leu
109 145           150        155         160
112 Ala Ala Cys Ala Thr Ala Gly His Thr Ala Ala His Leu Leu Gly Ser
113           165        170         175
116 Thr Leu Ser Trp Ala His Leu Gly Val Gln Val Trp Gln Arg Ala Glu
117           180        185         190
120 Cys Pro Gln Val Pro Lys Ile
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126 <212> TYPE: DNA
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155 <222> LOCATION: (441)..(441)
156 <223> OTHER INFORMATION: n is a, t, c or g

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Input Set : A:\09-816,653 corrected seq. list. 10716.57.txt
Output Set: N:\CRF3\02082002\I816653A.raw

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191 <222> LOCATION: (908)..(908)
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196 <221> NAME/KEY: misc_feature
197 <222> LOCATION: (1155)..(1155)
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202 <221> NAME/KEY: misc_feature
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204 <223> OTHER INFORMATION: n is a, t, c or g
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209 <222> LOCATION: (1174)..(1174)
210 <223> OTHER INFORMATION: n is a, t, c or g
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215 <222> LOCATION: (1198)..(1198)
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222 <223> OTHER INFORMATION: n is a, t, c or g
225 <220> FEATURE:
226 <221> NAME/KEY: misc_feature
227 <222> LOCATION: (1295)..(1295)
228 <223> OTHER INFORMATION: n is a, t, c or g
231 <400> SEQUENCE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/816,653A

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Input Set : A:\09-816,653 corrected seq. list. 10716.57.txt
Output Set: N:\CRF3\02082002\I816653A.raw

232	tgtacatct cagccttgg	cttgcctgc ttactcac	tcctggcc	gatgcgtca	60
234	ctgggacac acaggcttgg	ttctggggc agcggggatg	gccagtttc atgaac	120	
236	tttctgtcc ccctgccact	cccggccctg gcagggtc	tggcagca gatcat	180	
238	ttcctggaa ccacggccct	gccttcctg gtgcata	ctgtgc	240	
240	ctcctgttct tccgtccct	ggagtccctg tggcccttct	ggctgacttt ggccctgg	300	
242	gtgatcctgc agaacatggc	agccccattgg	gtcttcctgg agactcat	360	
244	cagctgacca accggcgagt	gctctatgca	gccaccc	420	
246	ctgggggtg <u>ccatggnnnn</u> nncctgctcc	cccagcattt	ccatccggca cccac	480	
248	ggctactaca cgtaccaaa	cttcttgaag attgaagt	ca	540	
250	acagccttot gtc	ccctgtc	cctgc	600	
252	ccccaggaca	gcctcagacc	aggggagggaa	660	
254	<u>actccatggc</u> caaggagct	aggccgggg	<u>ccanccgggg</u> cagggctc	720	
256	cctacacgt	gtgcacaac	ccaaccc	780	
258	ccaatggtgc	ccagccctgc	tcctcc	840	
260	<u>tgcagccagc</u> aggtctccg	gatcacn	gttnggtg	900	
262	<u>ctcahanggg</u> ctctgctcca	cccacttgc	tatgggagag	960	
264	aaaaactgg	gggttagggc	cttggtccag	gagcagttt	1020
266	ggcgtctccc	taccctgg	ctgc	1080	
268	gaaccactcc	agcc	caccc	1140	
270	cacttcctca	ccc	ntcage	gccacggacc	1200
272	cctntggcct	gcaggc	cac	1260	
274	acactcgaga	gccagatatt	tttgttagtt	ttatn	1320
276	gtgtgttccc	tgcaataaac	ttgttcc	tg	1351

279 <210> SEQ ID NO: 4
 280 <211> LENGTH: 325
 281 <212> TYPE: PRT
 282 <213> ORGANISM: Homo sapiens hSTRA6 polypeptide fragment, carboxy terminus
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 285 <221> NAME/KEY: MISC_FEATURE
 286 <222> LOCATION: (146)..(148)
 287 <223> OTHER INFORMATION: Xaa represents any amino acid, other, or unknown
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 292 <222> LOCATION: (232)..(232)
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 299 <223> OTHER INFORMATION: Xaa represents any amino acid, other, or unknown
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 304 <222> LOCATION: (292)..(292)
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 311 <223> OTHER INFORMATION: Xaa represents any amino acid, other, or unknown
 314 <220> FEATURE:
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Input Set : A:\09-816,653 corrected seq. list. 10716.57.txt
Output Set: N:\CRF3\02082002\I816653A.raw

316 <222> LOCATION: (303)..(303)
 317 <223> OTHER INFORMATION: Xaa represents any amino acid, other, or unknown
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 326 Leu Met Arg Ser Leu Val Thr His Arg Leu Gly Ser Gly Gly Ser Gly
 327 20 25 30
 330 Asp Gly Gln Phe Ser Trp Asn Leu Phe Ser Val Pro Leu Pro Leu Pro
 331 35 40 45
 334 Pro Leu Ala Gly Leu Leu Val Gln Gln Ile Ile Phe Phe Leu Gly Thr
 335 50 55 60
 338 Thr Ala Leu Ala Phe Leu Val Leu Met Pro Val Leu His Gly Arg Asn
 339 65 70 75 80
 342 Leu Leu Phe Phe Arg Ser Leu Glu Ser Ser Trp Pro Phe Trp Leu Thr
 343 85 90 95
 346 Leu Ala Leu Ala Val Ile Leu Gln Asn Met Ala Ala His Trp Val Phe
 347 100 105 110
 350 Leu Glu Thr His Asp Gly His Pro Gln Leu Thr Asn Arg Arg Val Leu
 351 115 120 125
 354 Tyr Ala Ala Thr Phe Leu Leu Phe Pro Leu Asn Val Leu Val Gly Ala
 355 130 135 140
 W-> 358 Met Xaa Xaa Xaa Cys Ser Pro Ser Ile Ala Ile Arg His Pro Thr Pro
 359 145 150 155 160
 362 Gly Tyr Tyr Thr Tyr Arg Asn Phe Leu Lys Ile Glu Val Ser Gln Ser
 363 165 170 175
 366 His Pro Ala Met Thr Ala Phe Cys Ser Leu Leu Leu Gln Ala Gln Ser
 367 180 185 190
 370 Leu Leu Pro Arg Thr Met Ala Ala Pro Gln Asp Ser Leu Arg Pro Gly
 371 195 200 205
 374 Glu Glu Asp Glu Gly Met Gln Leu Leu Gln Thr Lys Asp Ser Met Ala
 375 210 215 220
 W-> 378 Lys Gly Ala Arg Pro Gly Ala Xaa Arg Gly Arg Ala Arg Trp Gly Leu
 379 225 230 235 240
 382 Ala Tyr Thr Leu Leu His Asn Pro Thr Leu Gln Val Phe Arg Lys Thr
 383 245 250 255
 386 Ala Leu Leu Gly Ala Asn Gly Ala Gln Pro Cys Ser Ser Leu Pro Gly
 387 260 265 270
 390 Ser Pro Pro Ser Ile Thr Pro Ala Met Gln Pro Ala Gly Pro Pro Asp
 391 275 280 285
 W-> 394 His Xaa Gly Xaa Val Glu Val Cys Leu His Trp Glu Pro Xaa Xaa Gly
 395 290 295 300
 398 Ser Ala Pro Pro Thr Trp Leu Trp Glu Ser Gln Gln Gly Phe Trp Arg
 399 305 310 315 320
 402 Lys Lys Leu Val Gly
 403 325
 406 <210> SEQ ID NO: 5
 407 <211> LENGTH: 6964
 408 <212> TYPE: DNA
 409 <213> ORGANISM: Homo sapiens clone RP11-60L3, Sequencing in Progress, 9 unordered pieces; GenBank AC023300, nts 150524 to 157487

→ Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/816,653A

DATE: 02/08/2002

TIME: 07:35:26

Input Set : A:\09-816,653 corrected seq. list. 10716.57.txt
Output Set: N:\CRF3\02082002\I816653A.raw

L:40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:76 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:254 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:260 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:272 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:378 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5